

Title (en)
BUILDING ELEMENT LIFT ENHANCER

Title (de)
BAUELEMENTHEBEVERSTÄRKER

Title (fr)
AMPLIFICATEUR DE LEVAGE D'ÉLÉMENT DE CONSTRUCTION

Publication
EP 3672900 C0 20240403 (EN)

Application
EP 18848011 A 20180818

Priority
• US 201762548168 P 20170821
• US 2018047005 W 20180818

Abstract (en)
[origin: WO2019040342A1] A Building Element Lift Enhancer is described. The Building Element Lift Enhancer provides for the movement and precise placement of building elements such as blocks or sheet products by one worker. The Building Element Lift Enhancer senses the force applied by a user to the budding element and converts that user applied force to mechanically assisted fore-e from the Building Element Lift Enhancer, allowing the user to precisely move and handle large, heavy or bulky building elements by direct interaction with the building element.

IPC 8 full level
B66C 21/04 (2006.01); **B25J 5/00** (2006.01); **B66C 1/02** (2006.01); **B66C 1/44** (2006.01); **B66C 23/00** (2006.01); **B66C 23/02** (2006.01); **B66C 23/26** (2006.01); **B66C 23/48** (2006.01); **B66C 23/62** (2006.01); **B66C 23/90** (2006.01); **B66C 25/00** (2006.01); **B66D 3/00** (2006.01); **B66D 3/18** (2006.01); **B66D 3/20** (2006.01); **B66D 3/26** (2006.01); **E04G 21/16** (2006.01)

CPC (source: EP US)
B66C 1/0243 (2013.01 - EP); **B66C 1/442** (2013.01 - US); **B66C 1/447** (2013.01 - EP US); **B66C 13/44** (2013.01 - US); **B66C 15/00** (2013.01 - US); **B66C 23/022** (2013.01 - EP US); **B66C 23/26** (2013.01 - EP US); **B66C 23/48** (2013.01 - EP); **B66C 23/62** (2013.01 - US); **B66C 23/88** (2013.01 - US); **B66D 3/18** (2013.01 - EP); **B66D 3/20** (2013.01 - US); **B66D 3/26** (2013.01 - US); **E04G 21/162** (2013.01 - EP); **E04G 21/168** (2013.01 - EP); **G05B 19/042** (2013.01 - US); **B66C 1/0243** (2013.01 - US); **B66C 23/36** (2013.01 - US); **B66C 2700/0335** (2013.01 - US); **B66D 2700/025** (2013.01 - US); **G05B 2219/2667** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2019040342 A1 20190228; CN 111247083 A 20200605; CN 111247083 B 20220701; EP 3672900 A1 20200701; EP 3672900 A4 20210526; EP 3672900 B1 20240403; EP 3672900 C0 20240403; US 12006188 B2 20240611; US 2020369494 A1 20201126

DOCDB simple family (application)
US 2018047005 W 20180818; CN 201880068330 A 20180818; EP 18848011 A 20180818; US 201816638463 A 20180818